

## ABSTRACT OF THE DISCLOSURE

A data transfer controlling method in a mobile communication system, in which a window size SUFI (super-field) is controlled and thus a receiving buffer for a transfer of next data is controlled, thereby preventing a damage such as a data loss. For a reception of a protocol data unit (PDU) of a radio link control (RLC) layer, the window size SUFI and the receiving buffer are properly controlled, thereby preventing a data loss according to a buffer overflow, a time delay, and a waste of a radio resource. Also, the present invention can provide affirmative effects on the 3GPP communication standard by disclosing a positive utilization method of the window size SUFI only of which form has been defined.